



C o u n t y o f S a n L u i s O b i s p o

GENERAL SERVICES AGENCY

Janette D. Pell, Director

Helen McCann, Department Administrator

REQUEST FOR PROPOSAL PS- #1118

Creston Fire Station – Construction Testing & Special Inspection Services

CAL FIRE – Creston – Construct Fire Station, #320008

January 31, 2011

The County of San Luis Obispo (County) is currently soliciting proposals for Construction Testing and Special Inspection services for the construction of a new Creston Fire Station project located at 6055 Webster Road (HWY 229) in the community of Creston.

Each proposal shall specify each and every item as set forth in the attached specifications. Any and all exceptions must be clearly stated in the proposal. Failure to set forth any item in the specifications without taking exception may be grounds for rejection. The County reserves the right to reject any and all proposals and to waive any irregularity or informality in any proposal or in the Request for Proposal process, as long as, in the judgment of the County, such action will not negate fair competition and will permit proper comparative evaluation of the proposals submitted.

This Request for Proposal is posted on the County's Purchasing website at http://www.slocounty.ca.gov/GSA/Purchasing/Current_Formal_Bids_and_Proposals.htm. Any changes, additions, or deletions to this Request for Proposal will be in the form of written addenda issued by the County. Any addenda will be posted on the website. Prospective proposers must check the website for addenda or other relevant new information during the response period. The County is not responsible for the failure of any prospective proposer to receive such addenda. All addenda so issued shall become a part of this Request for Proposal.

If your firm is interested and qualified, please submit four (4) hard copies and one (1) electronic copy (on CD or DVD) of your proposal on February 15, 2011 by 3:00 p.m. to:

County of San Luis Obispo
Debbie Belt, GSA - Purchasing
1087 Santa Rosa Street
San Luis Obispo, CA 93408

If you have any questions about the proposal process, please contact me. For technical questions and information contact Kathy Mac Neill at (805) 781-5988.

All questions pertaining to the content of this Request for Proposal must be made in writing via e-mail to Kathy Mac Neill at: kmacneill@co.slo.ca.us. All questions will receive a response within 3 business days. The question and its response will be posted (anonymously) on the County's Purchasing website (link above). The County reserves the right to determine the appropriateness of comments / questions that will be posted on the website.

Debbie Belt

DEBBIE BELT

Buyer – GSA - Purchasing

Buyer@co.slo.ca.us

CRESTON FIRE STATION – CONSTRUCTION TESTING AND SPECIAL INSPECTION SERVICES**LOCAL VENDOR PREFERENCE**

The County has established a local vendor preference. When quality, service, and other relevant factors are equal, responses to Requests for Proposals will be evaluated with a preference for local vendors. Note the following exceptions:

1. Those contracts which State Law or, other law or regulation precludes this local preference.
2. Public works construction projects.

A "local" vendor preference will be approved as such when, 1) The vendor conducts business in a fully staffed office with a physical address within the County of San Luis Obispo; 2) The vendor holds a valid business license issued by the County or a city within the County; and 3) The vendor has conducted business at the local address for not less than six (6) months prior to the due date of this Request for Proposal..

Proposals received in response to this Request for Proposal will be evaluated by the Selection Committee considering the local vendor preference described above when quality, service and other relevant factors are equal. The burden of proof will lie with proposers relative to verification of "local" vendor preference. Should any questions arise, please contact a buyer at (805) 781-5200.

	YES	NO
Do you claim local vendor preference?		
Do you conduct business in an office with a physical location within the County of San Luis Obispo?		
Business Address: _____ _____		
Years at this Address: _____		
Does your business hold a valid business license issued by the County or a City within the County?		
Name of Local Agency which issued license: _____ _____		

Business Name: _____

Authorized Individual: _____ Title: _____

Signature: _____ Dated: _____

CRESTON FIRE STATION – CONSTRUCTION TESTING AND SPECIAL INSPECTION SERVICES**PROPOSAL SUBMITTAL AND SELECTION**

1. All proposals, consisting of FOUR (4) hard copies and one (1) electronic copy (on CD or DVD) must be received by mail, recognized carrier, or hand delivered no later than 3:00 p.m. on February 15, 2011. Late proposals will not be considered and will be returned, unopened.
2. All correspondence should be directed to:

San Luis Obispo County
General Services Agency
1087 Santa Rosa Street
San Luis Obispo, CA 93408
ATTENTION: DEBBIE BELT
Telephone: (805) 781-5903
3. All costs incurred in the preparation and submission of proposals and related documentation will be borne by the proposer.
4. It is preferred that all proposals be submitted on recycled paper, printed on two sides.
5. Selection of qualified proposers will be by an impartial Selection Committee using an approved County procedure for awarding professional contracts. Selection will be made on the basis of the proposals as submitted, although the County reserves the right to interview applicants as part of the selection process. The proceedings of the Selection Committee are confidential, and members of the Selection Committee are not to be contacted by the proposers.
6. This Request for Proposal does not constitute an offer of employment or to contract for services.
7. The County reserves the option to accept or reject any or all proposals, wholly or in part, received by reason of this request, and make more than one award, or no award, as the best interests of the County may appear.
8. All documents submitted to the County in response to this Request for Proposal will become the exclusive property of the County and may be returned to the proposer or kept by the County, in the County's sole discretion.
9. All proposals shall remain firm for ninety (90) days following closing date for receipt of proposals.
10. The County reserves the right to award the contract to the firm who presents the proposal which in the judgment of the County, best accomplishes the desired results, and shall include, but not be limited to, a consideration of the professional service fee.
11. Any contract awarded pursuant to this Request for Proposal will incorporate the requirements

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and specifications contained in this Request for Proposal. All information presented in a proposer's proposal will be considered binding upon selection of the successful proposer, unless otherwise modified and agreed to by the County during subsequent negotiations.

12. Under the provisions of the California Public Records Act (the "Act"), Government Code section 6252 et seq., all "public records" (as defined in the Act) of a local agency, such as the County, must be available for inspection and copying upon the request of any person. Under the Act, the County may be obligated to provide a copy of any and all responses to this Request for Proposal, if such requests are made after the contract is awarded. One exception to this required disclosure is information which fits within the definition of a confidential trade secret [Government Code section 6254(k)] or contains other technical, financial or other data whose public disclosure could cause injury to the proposer's competitive position. If any proposer believes that information contained in its response to this Request for Proposal should be protected from disclosure, the proposer **MUST** specifically identify the pages of the response that contains the information by properly marking the applicable pages and inserting the following notice in the front of its response:

NOTICE: *The data on pages _ of this response identified by an asterisk (*) contain technical or financial information, which are trade secrets, or information for which disclosure would result in substantial injury to the proposer's competitive position. Proposer requests that such data be used only for the evaluation of the response, but understands that the disclosure will be limited to the extent the County considers proper under the law. If an agreement is entered into with the proposer, the County shall have the right to use or disclose the data as provided in the agreement, unless otherwise obligated by law.*

The County will not honor any attempt by proposer to designate its entire proposal as proprietary. If there is any dispute, lawsuit, claim or demand as to whether information within the response to the Request for Proposal is protected from disclosure under the Act, proposer shall indemnify, defend, and hold harmless, the County arising out of such dispute, lawsuit, claim or demand.

CRESTON FIRE STATION – CONSTRUCTION TESTING AND SPECIAL INSPECTION SERVICES**PROPOSAL FORMAT**

A qualifying proposal must address all of the following points and shall be in the format outlined in this section:

1. Project Title
2. Applicant or Firm Name
3. Firm Qualifications
 - a. Type of organization, size, professional registration and affiliations.
 - b. Names and qualifications of personnel to be assigned to this project.
 - c. Outline of recent projects completed that are directly related to this project including Essential Services projects. Consultant is required to demonstrate specific design and project expertise relating to the requirements of the Project Scope.
 - d. Qualifications and certifications of consultants as they relate to the list of testing and inspection services described in the attached Exhibits.
 - e. Provide a minimum of three (3) Client references from recent related projects, including name, address and phone number of individual to contact for referral.
4. Understanding of and Approach to the Project
 - a. Summary of services provided, and any services your firm is not qualified to perform.
 - b. Description of the organization and staffing to be used for the project.
5. Fees and Insurance
 - a. Propose fees per the tables in the attached Exhibit to complete project and as described under Project Scope.
 - b. The selected Consultant will be required to provide insurance coverage in the amount of \$1,000,000 Commercial General Liability Insurance including automobile insurance coverage, and workman's compensation Insurance. This amount of insurance coverage shall be reflected in your estimated professional fees.

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Proposal Format

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- c. The Consultant shall provide within five (5) days after the Notice of Award is issued a certificate of liability insurance naming the County of San Luis Obispo and its employees and officers as additionally named insured. This shall be maintained in full force and effect for the duration of the contract and must be in an amount and format satisfactory to the County.

- d. Indemnification
County Held Harmless – General Liability:
Except for the sole negligence of County, Consultant undertakes and agrees to defend, hold harmless County, and any and all County's Boards, officers, employees, and successors in interest, from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, reasonable attorney's fees and reasonable costs of litigation, damage(s) or liability of any nature whatsoever for death or injury to any person, including Consultant's employees and agents, or for damage to, or destruction of, any property of either party hereto, or of third persons, in any manner to the extent arising by reasons of the performance of this Contract on the part of Consultant, or any of Consultant's Sub-consultants, employees, or anyone for whom Consultant has obligated itself under this Contract, whether or not contributed to by any act or omission of County or any of the County's Boards, officers or employees.

EXHIBIT A - SCOPE OF CONSULTANT SERVICES**CONSTRUCTION TESTING SERVICES****CAL Fire – Creston - Construct Fire Station - #320008****INTRODUCTION**

The County of San Luis Obispo is soliciting proposals from interested and qualified Consultants to provide Construction Testing and Special Inspection Services during the construction of a new fire station and site work to be located at 6055 Webster Road (HWY 229), north of the community of Creston. The Testing Consultant will act as an agent of the County at the project site. The Architect of record is RRM Design Group of San Luis Obispo and the Construction Inspector of Record is yet to be determined.

PROJECT DESCRIPTION

The proposed facility is a single story, wood framed structure of approximately 6,300 square feet, with both on-site and off-site work, and utility connections. This project is an Essential Services Facility and will require construction testing and special inspections per the California Building Codes and Health and Safety Codes. The scope of testing and inspection work includes, but is not limited to, all excavation, compaction and grading work for building pad, site equipment pads, concrete and paving work, construction of a domestic water tank, radio tower, testing and special inspection of structural materials, and off-site improvements to HWY 229, for a complete building with site improvements.

CONSTRUCTION COST ESTIMATE

The estimated cost of construction is \$2,799,000 for the building and both on-site and off-site improvements.

TIME SCHEDULE & FEES FOR CONSULTANT SERVICES

The County proposes to negotiate a single Consultant Services Agreement for Construction Testing and Special Inspection Services for the project. Construction is scheduled to begin in April of 2011 and will require approximately ten (10) months to complete. The amount of Construction Testing and Inspection Services will depend on the construction schedule and the number of tests and special inspection services negotiated into the contract for services. The anticipated tests required are listed in the attached spread sheet. Consultants shall provide hourly rate schedules as well as costs for testing listed on the spread sheet.

SCOPE OF SERVICES

This Scope of Consultant Services (Exhibit A) and the Testing and Inspection Estimate Worksheet (Exhibit B) are to assist proposers in developing their proposals. All proposals shall be based on, but not limited to, the services listed below and contained in Exhibit B. For your convenience, Exhibit B, the Testing and Inspection Estimate Worksheet, is available as an electronic fillable form on the County's Purchasing website located at: http://www.slocounty.ca.gov/GSA/Purchasing/Current_Formal_Bids_and_Proposals.htm.

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Upon successful completion of contract negotiations and issuance of a contract Notice to Proceed, the Consultant will be responsible for the following:

- A. General Test Sampling: Testing of materials is required as set forth in the approved plans and specifications and per the requirements for an Essential Services Facility – new construction. Other materials or combination of materials may require additional tests. The Architect, Structural Engineer or Civil Engineer in general responsible charge of the project shall establish the extent of the testing of materials consistent with the needs of the particular project and shall issue specific instructions to the Testing Consultant. Where job conditions warrant, the Architect or Registered Engineer may waive certain tests with the approval of the County. A list of all anticipated tests of materials and special Inspection services is attached and shall be the basis for a Contract. Services may increase or decrease as construction work proceeds. The County has the option to award contract for services to other Consultants for the separate sections in the exhibit as best suits the project needs.
- B. Test and Inspection Reports. Consultant shall submit one copy each of all test and inspection reports shall be forwarded to the County, the Architect, the Registered Engineer and the Project Inspector by the Testing Consultant. Such reports shall include all tests and inspections performed, regardless of whether such tests indicate that the material is satisfactory or unsatisfactory. Records of special sampling operations as required shall also be reported. The reports shall show that the material or materials were sampled and tested in accordance with the requirements of these regulations and with the approved specifications. In the case of masonry or concrete, test reports shall show the specific design strength. They shall also state definitely whether or not the material or materials tested comply with the requirements.
- C. Verification of Test and Inspection Reports. The Testing Consultant shall submit to the County a verified report, in duplicate, covering all of the tests which were required to be performed each time that work on the project is suspended, covering the tests up to that time, and at the completion of the project, covering all of the tests.

The verified reports shall contain all the information required for an Essential Services Project (refer to Division of State Architecture's Essential Services report forms).
- D. Project Meetings. The Testing Consultant is required to attend the pre-construction conference.
- E. Coordination. Maintain communications with the County's Project Coordinator on all issues. Promptly notify the Project Coordinator of any work which does not conform to the Contract Documents. Maintain communications with the Architect, Construction Manager/Project Inspector, Fire Department and other regulatory agencies and governing bodies as necessary for project continuity.

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EXHIBIT B - TESTING AND INSPECTION ESTIMATE WORKSHEET
CRESTON FIRE STATION NO. 43

Grading Observation and Compaction Testing – Provide field technicians and engineering services as needed for observation and testing of grading of building and flatwork areas, tank and equip. pads, backfill of utility lines and observation of foundation excavations. Subgrade and base for AC and PCC shall be tested. Testing of AC and PCC listed in separate section.

- Include regular compaction reports – CAD file of site plan to be provided by A/E.
- Include testing of subgrade and aggregate base for Caltrans encroachments.
- Include attendance at one pre-construction conference at the site by the Project Manager., and one other visit during grading.
- Monitoring of SWPP will be performed by the Project Inspector.
- Installation of leach field piping and components, and all other utilities, will be inspected by Civil Engineer or Project Inspector.
- All trenches for utility lines will be tested for compaction of soil backfill.

Description	# Hours or Tests	Rate	Total
Technician , estimated 15 site visits with an average of 4 billable hours per visit (all site work)	60		
Nuclear Density Tests – equipment charge	150		
Maximum Density/Optimum Moisture Tests	5		
Technician , estimated 2 site visits with an average of 4 billable hours per visit (Caltrans encroachments)	8		
Nuclear Density Tests – equipment charge	12		
Maximum Density/Optimum Moisture Tests (Caltrans)	2		
Assoc. Engineer , Site Visits, Report Preparation, Project Mgmt. during grading, etc.	10		
Drafting for Report Preparation	8		
Mileage for all site visits, 75 miles per visit	1425		
Estimate Subtotal, Grading Observations and Compaction Testing			

Asphalt Testing - Provide one field technician to monitor placement of AC and sample/test generally per Section 32 1216, modified as follows:

- Density will be monitored by nuclear gauge and rolling patterns to an apparent maximum. One sample will be secured for extraction and stability testing. Density will not be determined by coring.
- Assume all AC for on-site work will be placed during a single day, and that a local supplier with a known correction factor for the aggregates and currently used PG 64-10 oil will be provided.
- Assume that AC placed in Caltrans right-of-way will be by method spec, and will not be tested.

Description	# Hours or Tests	Rate	Total
Technician , 1 day of AC placement. 4 billable hours per visit (all site work)	8		
Nuclear Density Tests – equipment charge (max per day)	10		
Stability	1		
AC Content , by ignition oven	1		
Assoc. Engineer , Site Visits, Report Preparation, Project Mgmt. during grading, etc.	1		
Mileage for one day of pavement	75		
Estimate Subtotal, Asphalt Testing			

CRESTON FIRE STATION – CONSTRUCTION TESTING AND SPECIAL INSPECTION SERVICES

Reinforcing Steel Sampling and Testing – Provide sampling and laboratory testing of reinforcing steel for concrete and masonry. Assume all rebar will be unidentified and will be sampled at the site on 4 separate visits. Assume rebar for site work will not be tested. A contractor's schedule with rebar and tonnages was not available at the time of this proposal.

Description	# Hours or Tests	Rate	Total
Technician , estimated 4 site visits with an average of 3 billable hours per visit	12		
Rebar Tensile and Bend Tests	16		
Mileage for all site visits, 75 miles per visit	300		
Estimate Subtotal, Reinforcing Steel Sampling and Testing			

Reinforced Concrete Sampling and Testing – Provide sampling and testing services during batching and placement of concrete.

- Assume the Project Inspector will verify all reinforcement and concrete placement.
- Assume 3 concrete placements for the building foundations/slabs with an average of 8 billable hours for sampling each, and 4 weekday and 0 weekend sample pickups.
- Assume no testing of site work concrete.
- Provide testing for 1 concrete placement for the water tanks and other equipment pads, at 6 billable hours.
- Assume 2 concrete mix designs will be provided by supplier, but reviewed by testing firm.
- Assume concrete to be batched in North County.
- Provide testing for 2 sets of 4 concrete samples per placement for structure, and 1 set of 4 for water tank pad/other equipment pads.
- Also provide sampling of concrete for PCC pavement on 2 separate occasions, per specs Section 32 1313.
- Assume concrete sampled once per 100 yards, so 3 sets of 4 samples.
- Assume field technician will not be on site for entire concrete placement like structural concrete for building foundations and slabs on grade, and batch plant inspection will not be required for pavement PCC.

Description	# Hours or Tests	Rate	Total
Assoc Engineer – Mix design review (structural concrete only)	1		
Batch Plant Inspection, non PW (structural concrete only)	30		
Concrete Sampling, PW (structural concrete)	30		
Sample Pickups – 2 weekdays	8		
Sample Pickups – 2 weekends - OT	0		
Concrete Compressive Strength samples (structural concrete)	28		
Mileage , site visits, Pickup and batch plant inspection, 75 miles each	825		
Assoc Engineer – Mix design review (PCC Pavement)	1		
Concrete Sampling, PW (PCC Pavement)	10		
Sample Pickups – 1 weekday	4		
Sample Pickups – 1 weekend - OT	0		
Concrete Compressive Strength samples (structural concrete)	12		
Mileage , site visits and pickup, 75 miles each	300		
Estimate Subtotal, Concrete Inspection, Sampling and Testing			

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Anchor Installation/Testing – Provide testing of epoxy or mechanical placement of hold-down anchors on an estimated 3 visits to the site with 4 billable hours each. Assume Project Inspector will witness all bolt installations.

Description	# Hours or Tests	Rate	Total
Torque/Tension Testing – Inspector	12		
Torque/Tension Testing - Equipment Charge	12		
Mileage for 3 site visits, 75 per visit	225		
Estimate Subtotal, Anchor Installation/Testing			

Shop Welding Inspection – Provide material identification for truss plate material for wood trusses to be constructed on site. An allowance has also been made for periodic inspection of welding and material identification for mezzanine railings and attachments. Assume all steel will be fully identifiable, and no testing will be needed, with shop fabrication in the North County.

Description	# Hours or Tests	Rate	Total
Shop Inspection - Material ID/Periodic Welding Insp. 4 visits	12		
Mileage for Shop Welding Inspection – 4 visits	300		
Estimate Subtotal, Shop Inspection			

Masonry Placement Inspection, Batch Plant Inspection and Block Testing - Sample and test 1 set of concrete masonry units for fuel/generator/trash enclosure, and tag pallets for ID at the site.

- Assume masonry will be supplied by Air-Vol Block in San Luis Obispo.
- Provide continuous inspection during placement of masonry units, reinforcing steel and grouting for an assumed 2 days of construction and 1 partial day of grouting. Cast, pick up and test mortar and grout samples for determination of specified masonry strength by unit strength method.
- Provide coring compression and shear testing of cores of completed masonry. Assume that the contractor will repair the structure after coring.
- Provide continuous inspection of grout batching operations. Assume grout for the entire structure will be placed in a single lift. Grout mix designs and aggregate tests are to be provided by the supplier, but any designs will be reviewed by the testing firm.

Description	# Hours or Tests	Rate	Total
Senior Engineer – Grout Mix Design Review	1		
Inspector – Sample and Tag Masonry at Supplier	2		
Masonry – Initial Conformance Testing	1		
Masonry – Placement Inspection	22		
Batch Plant Inspection (non PW)	8		
Sample Pickup – Weekend (OT) (non PW)	0		
Mortar Compressive Strength Samples – 2 sets of 3	6		
Grout Compressive Strength Samples – 1 set of 4	4		
Masonry Coring Charge - Subcontractor	1		
Masonry Core Compression	1		
Masonry Core Shear	1		
Mileage for Site and Batch Plant Inspection, 1 sample pickup	375		
Estimate Subtotal, Masonry Inspection for Fuel/Generator/Trash Enclosure			

CRESTON FIRE STATION – CONSTRUCTION TESTING AND SPECIAL INSPECTION SERVICES

Field Welding/Bolting Inspection of Water Tank – Provide periodic field welding and/or bolting inspection for construction of water tank.

- Assume 2 lots of fasteners will be provided with material certificates, therefore only 2 sets of tests for strength and chemical properties.
- Actual tank plans for construction are to be provided by supplier, general schematics for bid purposes are shown on the current plans.
- Assume 4 periodic site visits.

Description	# Hours or Tests	Rate	Total
Field Inspection – Periodic Welding/Bolting	16		
Torque Wrenches (if needed)	16		
Fastener Strength/Chemical Tests	2		
Mileage for Field Welding Inspection – 4 visits	300		
Estimate Subtotal, Field Inspection of Water Tank			

Field Welding/Bolting Inspection of Radio Tower – Provide periodic field welding and/or bolting inspection for construction of the 40 foot radio tower. Assume 2 lots of fasteners will be provided with material certificates, therefore only 2 sets of tests for strength and chemical properties. Actual plans for construction are to be provided by supplier. Assumes 2 full day inspections. Include allowance for shop fabrication inspection, possible out of state location (will be invoiced at cost +15%).

Description	# Hours or Tests	Rate	Total
Field Inspection – Periodic Welding/Bolting	16		
Torque Wrenches (if needed)	16		
Shop Fabrication Inspection (allowance)	1		
Mileage for Field Welding Inspection – 6 visits	450		
Estimate Subtotal, Field Inspection of Radio Tower			

Wood Products Inspection – Provide shop fab inspections of glue lam beams and pre-fab trusses (Subcontract of FPI of Kelseyville, California, at cost +15%. Assumed fabrication locations in Oregon and California – budgeted amounts are shown as schedule and location are unknown. Assumes that inspection of roof diaphragm and shear wall nailing, and inspection of site-fabricated trusses, will be by the project inspector.

Description	# Hours or Tests	Rate	Total
Truss Inspection	1		
Glue Lam Beam Inspection	1		
Estimate Subtotal, Wood Products Inspection			

Project Management, Report Preparation and Final Verified Reports

Description	# Hours or Tests	Rate	Total
Staff Engineer	24		
Associate Engineer	14		
Estimate Subtotal, Project Mgmt., Report Prep., and Final Verified Reports			